

Table 1
RCRA Landfill Monitoring Data
The Dalles, Oregon
9/14/2012 - 9/18/2012

Feature Name	Height/ Depth	Distance from Feature	Cardinal Direction from Feature	Additional Feature Information	Coordinates		Elevation	Date Collected	Time Collected	RKI Eagle 2 w/TC				MX6 I-Brid				Colorimetric Tube***	
					Northing	Easting				amsl	LEL*	O ₂	CO ₂	H ₂ S	CH ₄	HCN	NH ₃	PH ₃	H ₂
	Feet	ags	Feet				%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm			
							Screening Levels**	≤ 19.5	0.5	8.8	5% LEL	3.5	440	1.3	40000	61			
RCRA Fence Line Monitoring Location 1	3	-	-	Fence line	N45°37.359'	W121°12.218'	139	9/13/2012	1430	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Fence Line Monitoring Location 2	3	-	-	Fence line	N45°37.360'	W121°12.255'	133	9/13/2012	1434	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Fence Line Monitoring Location 3	3	-	-	Fence line	N45°37.347'	W121°12.298'	140	9/13/2012	1435	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Fence Line Monitoring Location 4	3	-	-	Fence line	N45°37.334'	W121°12.341'	136	9/13/2012	1438	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Fence Line Monitoring Location 5	3	-	-	Fence line	N45°37.314'	W121°12.355'	129	9/13/2012	1437	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND
RCRA Fence Line Monitoring Location 6	3	-	-	Fence line	N45°37.282'	W121°12.335'	142	9/13/2012	1444	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Fence Line Monitoring Location 7	3	-	-	Fence line	N45°37.280'	W121°12.303'	137	9/13/2012	1445	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Fence Line Monitoring Location 8	3	-	-	Fence line	N45°37.293'	W121°12.261'	140	9/13/2012	1446	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Fence Line Monitoring Location 9	3	-	-	Fence line	N45°37.305'	W121°12.222'	141	9/13/2012	1448	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Fence Line Monitoring Location 10	3	-	-	Fence line	N45°37.326'	W121°12.197'	133	9/13/2012	1450	< 0.17 ND	20.9	0.2	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Utility Building	3	-	-	Garage door 1-exterior measurement	-	-	-	9/14/2012	1031	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Utility Building	3	-	-	Utility building electrical conduit exit point-- exterior measurement	-	-	-	9/14/2012	1032	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	1	< 0.17 ND	1	NM per SAP
RCRA Utility Building	3	-	-	Garage door 2-exterior measurement	-	-	-	9/14/2012	1033	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Utility Building	3	-	-	Main door-exterior measurement	-	-	-	9/14/2012	1034	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
RCRA Utility Building	Vent level after screen penetration	-	-	North building vent- interior measurements accessed from exterior	-	-	-	9/14/2012	1035	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	1	< 0.17 ND	< 0.17 ND	NM per SAP

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					Northing	Easting				amsl	LEL*	O ₂	CO ₂	H ₂ S	CH ₄	HCN	NH ₃	PH ₃	H ₂
	%	%					%				ppm	%	ppm	ppm	ppm	ppm	ppm		
	Screening Levels**	≤ 19.5					0.5				8.8	5% LEL	3.5	440	1.3	40000	61		
										≤ 19.5	3	97	5% LEL	1105	1180	700	40000	820	
RCRA Utility Building	Vent level after screen penetration	-	-	Southeast building vent-interior measurements accessed from exterior	-	-	-	9/14/2012	1040	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Cap Drain	Drain level	-	-	Cap drain 1	N45°37.336'	W121°12.220'	-	9/14/2012	1118	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	6	NM per SAP
Cap Drain	Drain level	-	-	Cap drain 2	N45°37.299'	W121°12.239'	-	9/14/2012	1123	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	11	NM per SAP
Cap Drain	Drain level	-	-	Cap drain 3	N45°37.284'	W121°12.288'	-	9/14/2012	1126	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	6	NM per SAP
Cap Drain	Drain level	-	-	Cap drain 4	N45°37.299'	W121°12.344'	-	9/14/2012	1129	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	5	< 0.17 ND
Cap Drain	Drain level	-	-	Cap drain 5	N45°37.339'	W121°12.322'	-	9/14/2012	1132	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	3	NM per SAP
Cap Drain	Drain level	-	-	Cap drain 5 re-analysis ^o	N45°37.339'	W121°12.322'	-	9/14/2012	1148	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND
Cap Drain	Drain level	-	-	Cap drain 6	N45°37.350'	W121°12.269'	-	9/14/2012	1146	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Sump	-1.5	-	-	Center of the sump at a depth of 1.5 feet	N45°37.350'	W121°12.207'	-	9/14/2012	1212	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	5	< 0.17 ND
Sump	1	1	N	-	N45°37.350'	W121°12.207'	-	9/14/2012	1212 - 1305	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND
Sump	1	1	E	-	N45°37.350'	W121°12.207'	-	9/14/2012	1212 - 1305	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Sump	1	1	S	-	N45°37.350'	W121°12.207'	-	9/14/2012	1212 - 1305	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Sump	1	1	W	-	N45°37.350'	W121°12.207'	-	9/14/2012	1212 - 1305	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Sump	5	2	N	-	N45°37.350'	W121°12.207'	-	9/14/2012	1212 - 1305	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	1	NM per SAP
Sump	5	2	E	-	N45°37.350'	W121°12.207'	-	9/14/2012	1212 - 1305	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP

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					Northing	Easting	Elevation amsl			LEL*	O ₂	CO ₂	H ₂ S	CH ₄	HCN	NH ₃	PH ₃	H ₂	HF
	%	%	%					ppm	%	ppm	ppm	ppm	ppm	ppm					
	Screening Levels**	≤ 19.5	0.5					8.8	5% LEL	3.5	440	1.3	40000	61					
	Feet	ags	Feet							≤ 19.5	3	97	5% LEL	1105	1180	700	40000	820	
Sump	5		2	Not conducted: wall created space limitations	N45°37.350'	W121°12.207'	-	9/14/2012	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Sump	5		2		N45°37.350'	W121°12.207'	-	9/14/2012	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Sump	5		5	Not conducted: wall created space limitations	N45°37.350'	W121°12.207'	-	9/14/2012	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Sump	5		5		N45°37.350'	W121°12.207'	-	9/14/2012	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Sump	5		5		N45°37.350'	W121°12.207'	-	9/14/2012	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Sump	5		5		N45°37.350'	W121°12.207'	-	9/14/2012	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Vent 1	3		20	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	3		15	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	3		10	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	3		5	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	3		2	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	5		5	N	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	5		5	E	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	5		5	S	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	5		5	W	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP

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					Northing	Easting				amsl	LEL*	O ₂	CO ₂	H ₂ S	CH ₄	HCN	NH ₃	PH ₃	H ₂
	%	%					%				ppm	%	ppm	ppm	ppm	ppm	ppm		
	Screening Levels**	≤ 19.5					0.5				8.8	5% LEL	3.5	440	1.3	40000	61		
	Feet	ags								≤ 19.5	3	97	5% LEL	1105	1180	700	40000	820	
Vent 1	5	2	N	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	5	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	5	2	E	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	5	2	S	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	5	2	W	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 1	1	1	N	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	10 and 0 [#]	< 0.17 ND
Vent 1	1	1	E	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	10 and 4 [#]	NM per SAP
Vent 1	1	1	S	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	10 and 5 [#]	NM per SAP
Vent 1	1	1	W	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	10 and 0 [#]	NM per SAP
Vent 2	3	20	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	3	15	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	20	NM per SAP
Vent 2	3	10	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	3	5	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	20	NM per SAP
Vent 2	3	2	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	20	NM per SAP
Vent 2	5	5	N	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	5	5	E	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP

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					Northing	Easting				amsl	LEL*	O ₂	CO ₂	H ₂ S	CH ₄	HCN	NH ₃	PH ₃	H ₂
	%	%					%				ppm	%	ppm	ppm	ppm	ppm	ppm		
	Screening Levels**	≤ 19.5					0.5				8.8	5% LEL	3.5	440	1.3	40000	61		
	Feet	ags								≤ 19.5	3	97	5% LEL	1105	1180	700	40000	820	
Vent 2	5	5	S	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	5	5	W	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	5	2	N	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	5	2	E	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	5	2	S	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	5	2	W	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 2	1	1	N	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	20 and 52 [#]	NM per SAP
Vent 2	1	1	E	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	0 and 0 [#]	NM per SAP
Vent 2	1	1	S	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	0 and 0 [#]	NM per SAP
Vent 2	1	1	W	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	0.1	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	20 and 0 [#]	< 0.17 ND
Vent 3	3	20	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	3	15	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	1	NM per SAP
Vent 3	3	10	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	3	5	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	3	2	-	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP

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										LEL*	O ₂	CO ₂	H ₂ S	CH ₄	HCN	NH ₃	PH ₃	H ₂	HF
	%	%			%	ppm	%			ppm	ppm	ppm	ppm	ppm					
	Screening Levels**	≤ 19.5			0.5	8.8	5% LEL			3.5	440	1.3	40000	61					
Feet	ags	Feet	Northing	Easting	amsl	Screening Levels**	≤ 19.5	3	97	5% LEL	1105	1180	700	40000	820				
Vent 3	5	5	N	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	5	5	E	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	5	5	S	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	5	5	W	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	5	2	N	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	5	2	E	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	22	NM per SAP
Vent 3	5	2	S	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	3	NM per SAP
Vent 3	5	2	W	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	NM per SAP
Vent 3	1	1	N	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND
Vent 3	1	1	E	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND
Vent 3	1	1	S	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND
Vent 3	1	1	W	-	-	-	-	9/14/2012	1252 - 1330	< 0.17 ND	20.9	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND	< 0.17 ND
Vent 2	-	-	-	Outlet-zero flow detected from vent, (<10 ccm by rotometer)	-	-	-	9/15/2012	1000	< 0.17 ND	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Vent 2	-	-	-	Measurement taken for shipping determination-not required by SAP	-	-	-	9/15/2012	1005	NM	NM	NM	NM	NM	0.4	252	> 10	> 1000	NM per SAP

Table 1
RCRA Landfill Monitoring Data
The Dalles, Oregon
9/14/2012 - 9/18/2012

Feature Name	Height/ Depth	Distance from Feature	Cardinal Direction from Feature	Additional Feature Information	Coordinates		Elevation	Date Collected	Time Collected	RKI Eagle 2 w/TC				MX6 I-Brid				Colorimetric Tube***		
					Northing	Easting				amsl	LEL*	O ₂	CO ₂	H ₂ S	CH ₄	HCN	NH ₃	PH ₃	H ₂	HF
	Feet	ags	Feet																	
	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm						
										Screening Levels**	≤ 19.5	0.5	8.8	5% LEL	3.5	440	1.3	40000	61	
											≤ 19.5	3	97	5% LEL	1105	1180	700	40000	820	
Vent 2	-	-	-	Outlet-zero flow detected in or out of vent (< 10 ccm by rotometer)	-	-	-	9/16/2012	1005	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Vent 2	-	-	-	Outlet-zero flow detected in or out of vent (< 10 ccm by rotometer)	-	-	-	9/16/2012	1724	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Vent 2	-	-	-	Attached tedlar bag to outlet to capture gas evolution over time	-	-	-	9/16/2012	1732	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Vent 2	-	-	-	Measured volume of gas contained in tedlar bag deployed on 9/16/2012 ⁵	-	-	-	9/18/2012	1630	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM per SAP
Vent 2	-	-	-	Test using 20:1 dilution of tedlar bag sample ⁶	-	-	-	9/20/2012	Not Provided	LEL 160%	NM	NM	100	LEL 160%	440	2240	5.2	> 20000	NM per SAP	

LEL (Detection limit DL=0.1%), CH₄ Methane (DL=0.1%), O₂ Oxygen (DL=0.1%), CO₂ Carbon dioxide (DL=0.1%), Hydrogen sulfide H₂S (DL=0.1 ppm), Ammonia NH₃ (DL=0.1ppm), Phosphine PH₃ (DL=0.1ppm), Hydrogen H₂ (DL=0.1 ppm), Hydrogen fluoride HF (DL=0.17 ppm)

NM not measured, ags above ground surface, amsl above mean sea level, ccm cubic centimeters per minute, milliliters ml, SAP sampling and analysis plan

Standard signal notation shows that standard readings were collected as demonstrated but omitted from datasheet. A thumbs up was used as the standard signal rather than verbal communication due to use of Level B personal protective equipment

* % lower explosive limit (LEL) calibrated as CH₄ Acetylene measurements were included in the LEL measurements

** See Table 1 of Project SAP-Industrial Worker Ambient Air Screening Level (top), Short-Term Air Screening Level (bottom)

*** Sensidyne colorimetric tube 156S with AP-20S hand pump

[#] Measurement taken twice

^o Instruments were re-zeroed and additional monitoring was conducted after H₂ readings up to 11 ppm associated with the CAP drains were obtained

⁵ Measured gas in tedlar bag deployed on 9/16/2012 at 175 cc using 50 ml Sensidyne sampling pump (gas evolution rate of ~4.3 cc/hour or 103 ml/day)

BOLD < with **ND** indicates less than the DL as specified by the instrument manufactures manual

BOLD RED dates associated with checking flows from the vents

⁶ Attached evacuated tedlar bag to vent and pulled 200 ml of sample using a personal sampling pump used for extractive sampling (1 to 5 liters per minute flow rate). A rotometer was used to dilute the sample using a 20 to 1 ratio of zero grade N₂ gas to sample.